Special Issue

Applications of Separation and Purification Techniques for Natural Products Derived from Plants Source

Message from the Guest Editor

Herbal medicines have been known for centuries. The source of new structures of natural origin are plants that develop their defense systems, which are used by humans to prevent diseases caused by pathogens produced by bacteria, fungi, and viruses. Today, natural products play a key role in the development and design of modern medicines. An important aspect of drug development is the isolation, purification, and characterization of single plant-derived compounds. Complex plant extracts are also being studied to determine whether the complexity of the matrix affects the effects of natural drugs. These aspects, single compound vs. complex extract, are of interest from the point of view of co-extraction, interaction, and, finally, biological activity, since, in many cases, the activities detected were different and sometimes beneficial from a therapeutic point of view. New chromatographic techniques, as well as extraction and separation methods, together with modern and sophisticated identification methodologies and equipment [...] for further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/separations/special_issues/C6AQ281RCC

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Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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